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REFERENCE TO: CONTINUATION OF UNUSUAL CONSTRUCTION TECHNIQUES ALEYSK ICBM COMPLEX, USSR

1. SIGNIFICANCE: LAUNCH SITES 19C AND 20C CONTINUE TO DISPLAY ABNORMAL CONSTRUCTION TECHNIQUES.

2. LOCATION: COMPLEX -- APPROXIMATELY 150 NM SOUTH OF NOVOSIBIRSK AND GENERALLY IN THE VICINITY OF THE TOWN OF ALEYSK.
SITE 19C -- APPROXIMATELY 15 NM EAST OF ALEYSK.
SITE 20C -- APPROXIMATELY 17 NM ENE OF ALEYSK.

3. REMARKS: THE ALEYSK ICBM COMPLEX IS ONE OF 6 ICBM COMPLEXES IN THE USSR AT WHICH TYPE IIIC DEPLOYMENT HAS BEEN IDENTIFIED. THE TYPE IIIC LAUNCH SITE IS THE LARGER OF THE 2 TYPES OF DEPLOYED SINGLE-SILO LAUNCH SITES WHICH HAVE BEEN IDENTIFIED IN THE USSR. LAUNCH SITES 19C AND 20C AT ALEYSK HAVE SHOWN A DISTINCT DEVIATION FROM STANDARD TYPE IIIC CONSTRUCTION PROCEDURES. 25X1 IT WAS OBSERVED THAT THE SILO CORING WAS DUG NOT AT THE BOTTOM OF A LARGE EXCAVATION, BUT RATHER RIGHT AT GROUND

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LEVEL.

NORMALLY, DURING THE CONSTRUCTION OF A TYPE IIIC SITE, A "U"-SHAPED SILO EXCAVATION IS VISIBLE. THE SPOIL FROM THIS EXCAVATION IS UTILIZED IN FORMING A LARGE RECTANGULAR PATTERN AT THE SIDE OF THE EXCAVATION AND A SQUARE PATTERN ON THE OPPOSITE SIDE. SILO CORING TAKES PLACE AT THE BOTTOM OF THE EXCAVATION.

AFTER CORING, SILO CONSTRUCTION PROGRESSES UP TO THE LEVEL OF THE EXCAVATION FLOOR. A CONCRETE FOUNDATION FOR THE BASE OF THE SILO STRUCTURE IS POURED AT THE BOTTOM OF THE EXCAVATION AND CONSTRUCTION BEGINS ON THE SQUARE SILO HEADWORKS. THE SILO AND THE 65 FT SQUARE HEADWORKS ARE THEN CONSTRUCTED SIMULTANEOUSLY UP TO GROUND LEVEL. (GMAIC, "EVALUATIONS OF SOVIET SURFACE-TO-SURFACE MISSILE DEPLOYMENT," 24TH REVISION.)

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5. FIRST IDENTIFICATION: SITE 19C --
SITE 20C --

6. NEGATION DATE: SITE 19C --
SITE 20C --

7. SUBSEQUENT COVERAGE: 2 KH-4 AND 1 KH-7 MISSIONS (BOTH SITES).

8. DIMENSIONS/ SPECIFICATIONS:

DIAMETER OF CORING AT BOTH SITES -- 35 FT (APPROX)

DIAMETER OF CORING AT TYPICAL IIIC SITE -- 30 FT (APPROX)

PIPE AT SITE 19 (APPROX)

PIPE AT SITE 20 (APPROX)

SMALL STRUCTURE NEAR EACH SITE 10 FT (APPROX)

9. MISSION READOUT: SITES 19 AND 20 CONTINUE TO DISPLAY ABNORMAL CONSTRUCTION TECHNIQUES. ALTHOUGH THE DIAMETER OF THE CORING, THE CONSTRUCTION SUPPORT BUILDING, THE SECURITY FENCING, AND THE LOCATIONS OF SITES 19 AND 20 ARE TYPICAL OF NORMAL TYPE IIIC CONSTRUCTION, THE LAUNCH SILO ITSELF IS DIFFERENT. THE USUAL "U"-SHAPED EXCAVATION, THE RECTANGULAR EARTH

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MOUND, AND THE SQUARE EARTH MOUND HAVE FAILED TO APPEAR AS EXPECTED. THERE IS NO SIGN OF THE SQUARE FOUNDATION BEING FORMED NOR IS THERE ANY SIGN OF HEADWORKS UNDER CONSTRUCTION. IN THE APPROXIMATE 35 FT DIAMETER CORING OBSERVED AT SITES 19 AND 20, THERE ARE NOW BRACING NUMBERS FORMING AN "H"-SHAPED PATTERN. A SINGLE PIPE RUNS FROM THE CORING TO A SMALL RECTANGULAR STRUCTURE 10 FT) NEARBY. CONSTRUCTION AT ADJACENT SITES 17 AND 18 APPEARS NORMAL. (NOT SHOWN ON GRAPHIC.) SITES 19 AND 20 ARE BOTH IN AN UNDETERMINED STAGE OF CONSTRUCTION.

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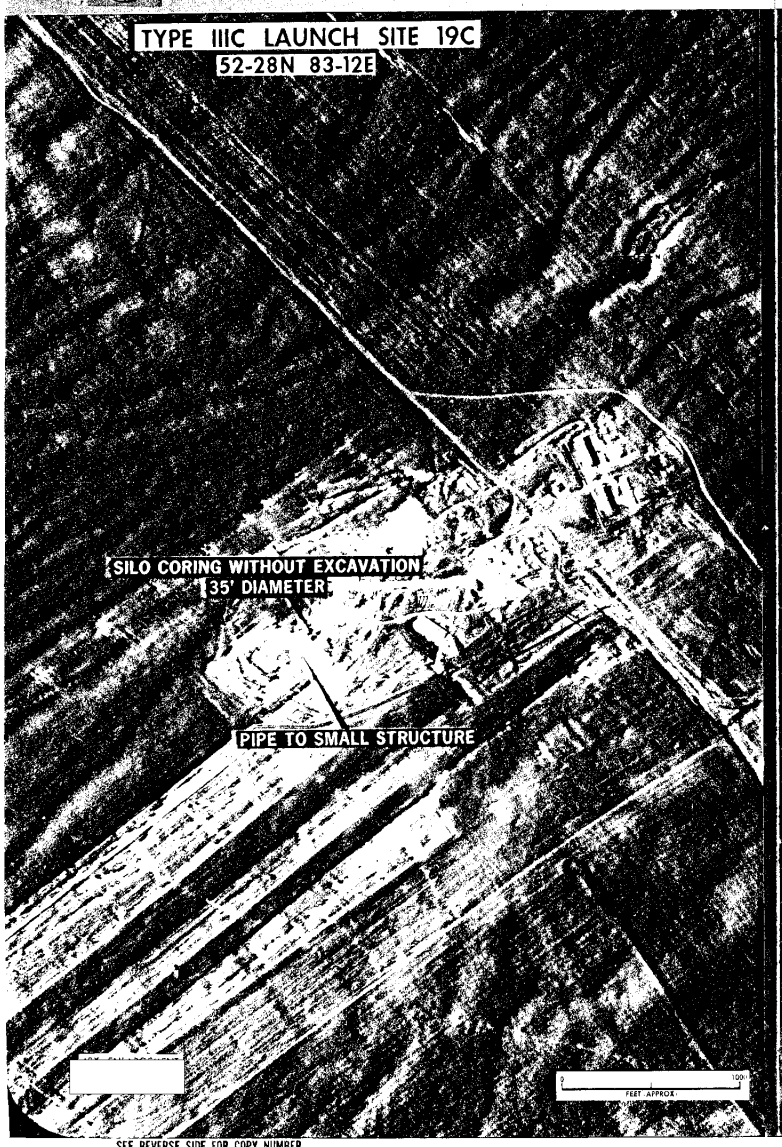
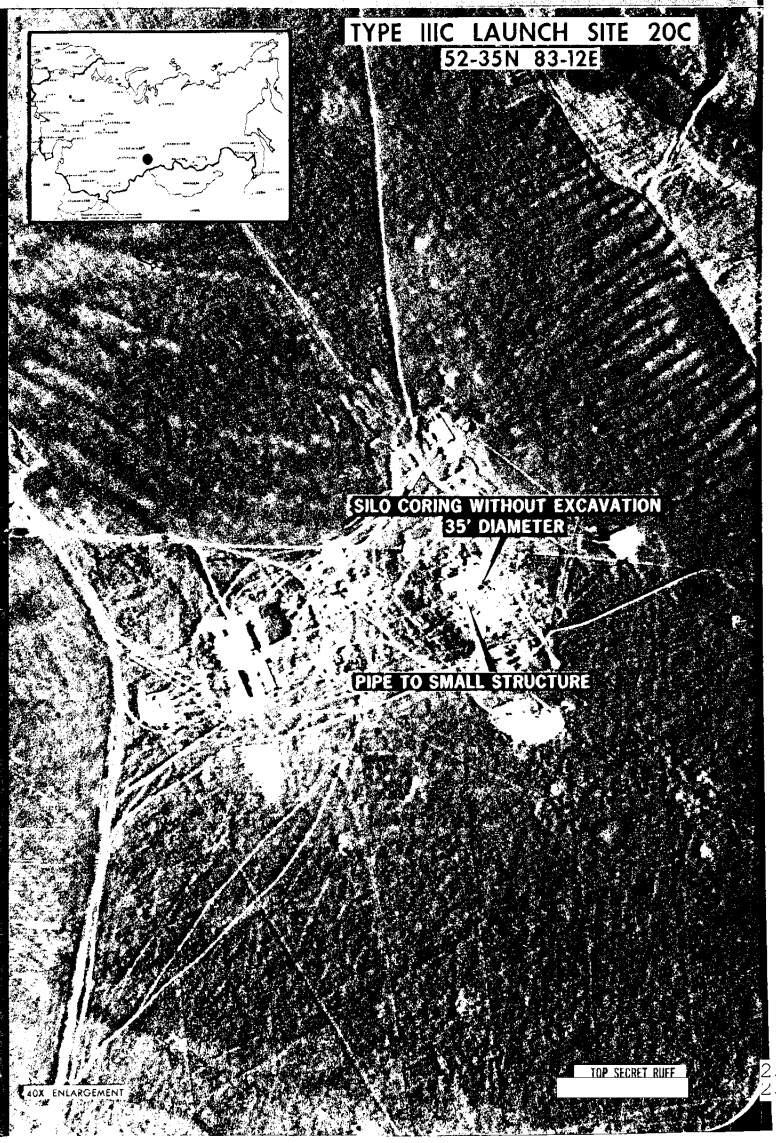
# CONTINUATION OF UNUSUAL CONSTRUCTION TECHNIQUES
# ALEYSK ICBM COMPLEX, USSR

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